

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P722049

Luminaire Tested: **IFLD-S-SA2D-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722049
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2D-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

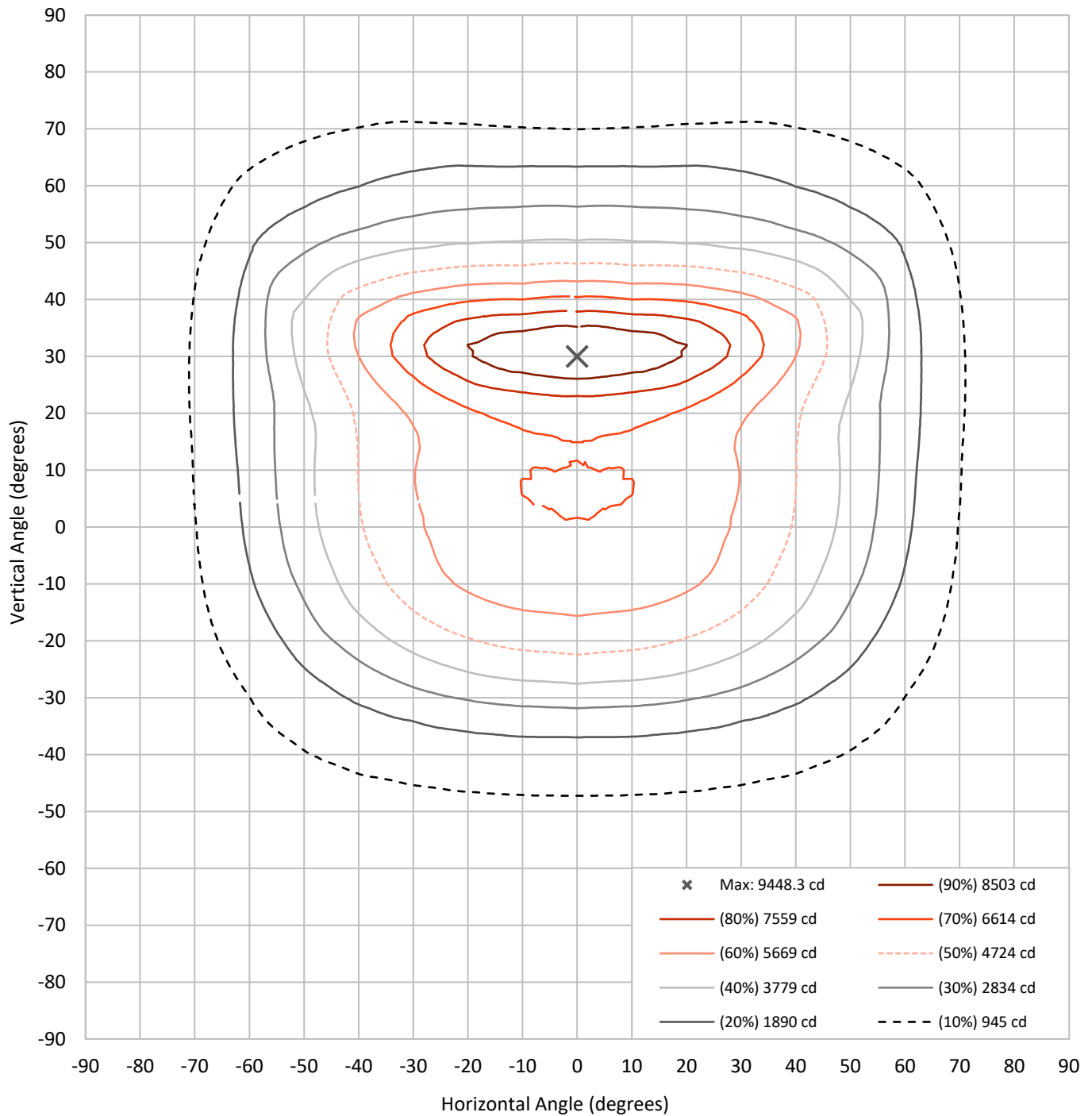
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	15771.6 lumens	Max Intensity:	9448.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	127.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	9171.3 lumens	Field Lumens:	14780 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 123.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722049
CATALOG NUMBER: IFLD-S-SA2D-735-U-76

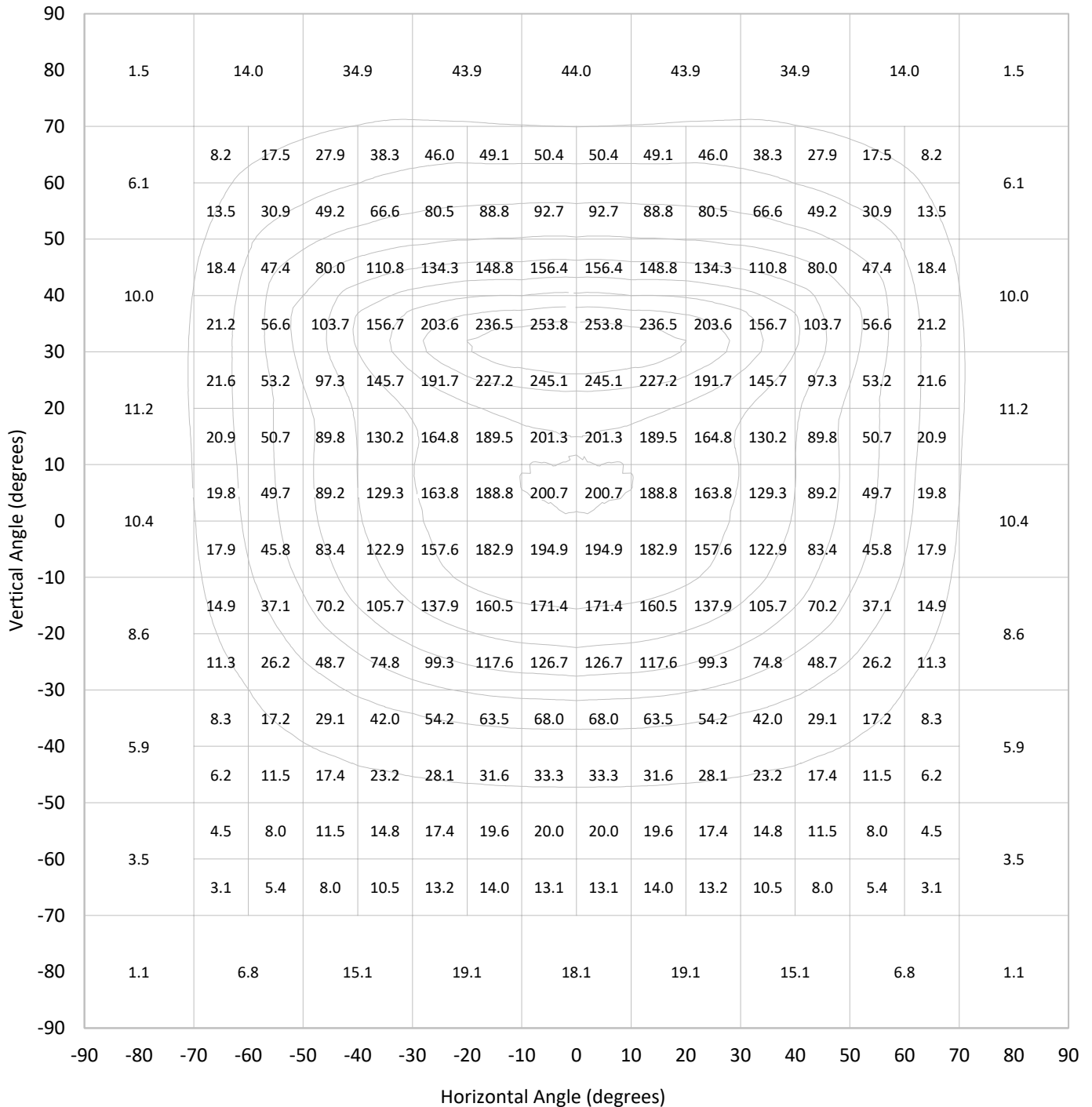
Iso-Candela Plot





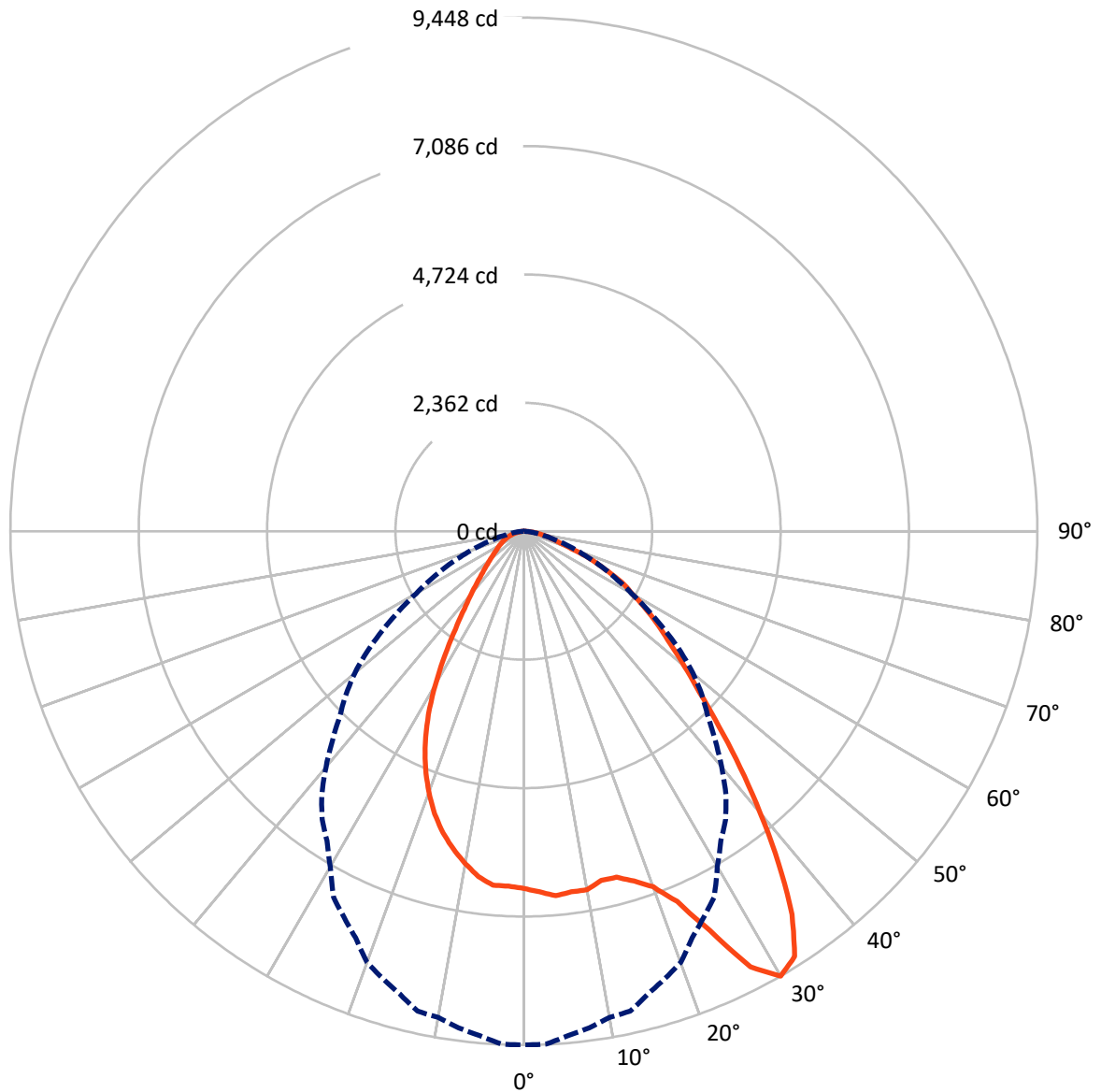
REPORT NUMBER: P722049
 CATALOG NUMBER: IFLD-S-SA2D-735-U-76

Lumen Table



REPORT NUMBER: P722049
CATALOG NUMBER: IFLD-S-SA2D-735-U-76

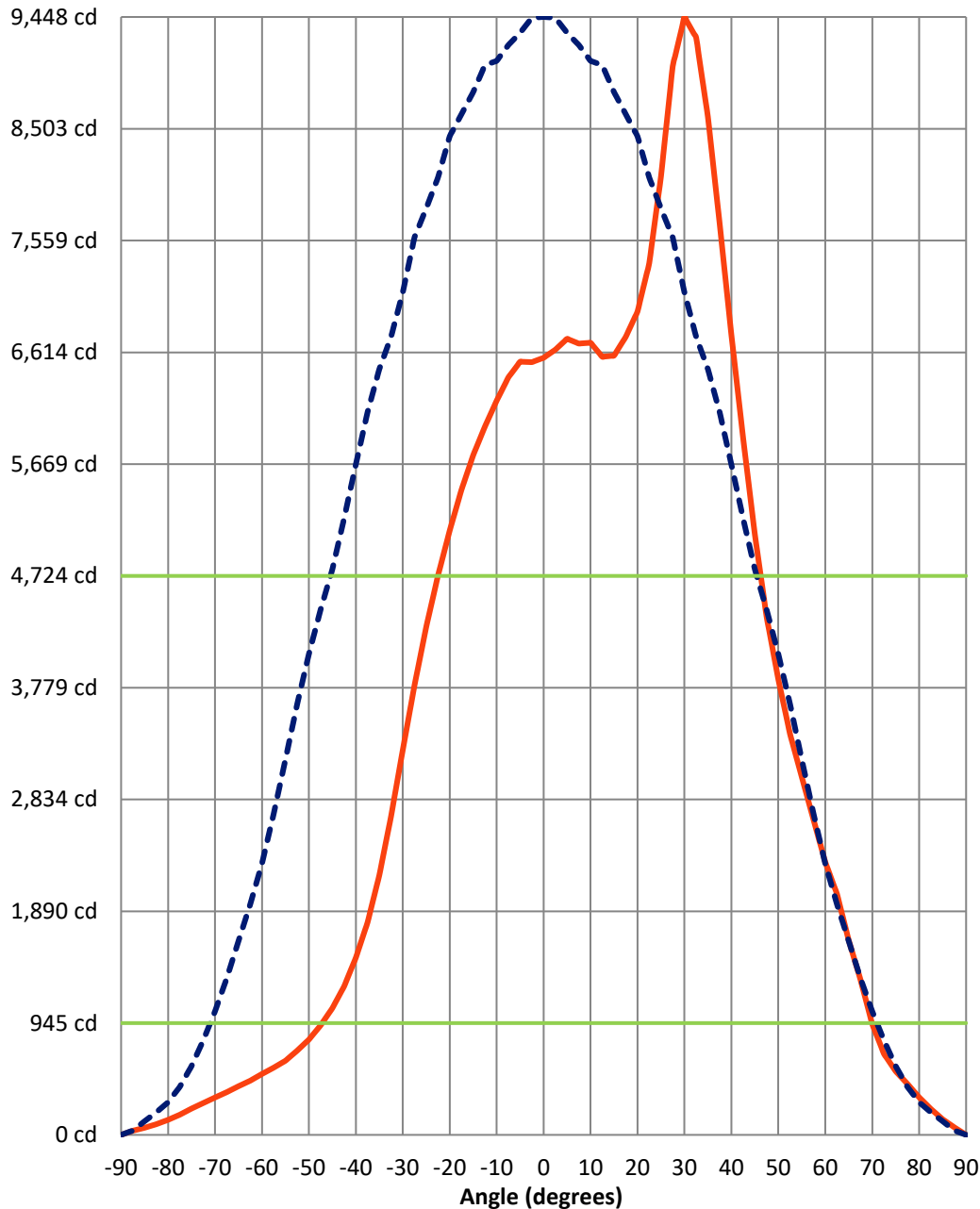
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722049
 CATALOG NUMBER: IFLD-S-SA2D-735-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 9171.3
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 14780
 Efficiency: 93.7%

Spill:
 Lumens: 991.6
 Efficiency: 6.3%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 30-Deg



REPORT NUMBER: P722049
 CATALOG NUMBER: IFLD-S-SA2D-735-U-76

FIELD
 BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	63.5	65.2	66.8	66.8	65.2	65.2	65.2	63.5	65.2	65.2	65.2
85°	132.0	135.3	138.7	137.0	135.3	132.0	128.7	130.3	132.0	133.7	133.7
82.5°	218.9	223.9	227.2	225.6	222.2	218.9	215.5	217.2	220.5	222.2	222.2
80°	317.4	319.1	320.8	324.1	319.1	319.1	317.4	324.1	327.5	330.8	334.2
77.5°	431.1	432.7	432.7	434.4	436.1	437.7	437.7	449.4	457.8	462.8	467.8
75°	538.0	543.0	548.0	553.0	559.7	563.1	568.1	584.8	598.1	608.2	618.2
72.5°	685.0	691.7	700.1	711.8	723.4	731.8	743.5	763.5	778.6	788.6	800.3
70°	937.3	944.0	952.3	960.7	972.4	980.8	992.4	1017.5	1032.5	1039.2	1045.9
67.5°	1311.6	1328.3	1343.3	1326.6	1318.2	1306.6	1309.9	1333.3	1348.3	1358.3	1356.7
65°	1644.1	1655.7	1655.7	1654.1	1647.4	1632.4	1640.7	1669.1	1685.8	1694.2	1669.1
62.5°	2035.0	2035.0	2026.7	2040.0	2041.7	2031.7	2026.7	2028.3	2030.0	2035.0	1993.2
60°	2305.7	2322.4	2327.4	2339.1	2342.4	2342.4	2350.8	2357.5	2357.5	2347.5	2299.0
57.5°	2663.2	2695.0	2701.7	2693.3	2676.6	2654.9	2651.5	2641.5	2621.5	2601.4	2578.0
55°	3024.1	3040.8	3039.2	3034.1	3017.4	2992.4	2995.7	2982.3	2950.6	2925.5	2893.8
52.5°	3386.7	3426.8	3433.5	3423.4	3400.0	3373.3	3375.0	3359.9	3328.2	3301.5	3258.0
50°	3849.5	3882.9	3879.6	3862.9	3829.4	3809.4	3811.1	3782.7	3745.9	3737.5	3680.7
47.5°	4379.1	4417.6	4410.9	4387.5	4342.4	4334.0	4342.4	4305.6	4283.9	4265.5	4198.7
45°	5074.2	5119.3	5094.2	5049.1	4977.3	4985.6	4997.3	4990.6	4943.9	4895.4	4810.2
42.5°	5889.5	5917.9	5887.8	5842.7	5752.5	5769.2	5762.5	5722.4	5694.0	5613.8	5505.2
40°	6761.7	6823.5	6776.7	6706.5	6613.0	6638.0	6619.6	6567.9	6501.0	6400.8	6263.8
37.5°	7702.3	7750.8	7697.3	7615.4	7531.9	7523.5	7486.8	7406.6	7311.4	7201.1	6982.2
35°	8602.9	8728.2	8629.6	8499.3	8397.4	8358.9	8323.8	8138.4	8029.8	7851.0	7551.9
32.5°	9272.9	9364.7	9242.8	9107.4	8983.8	8930.3	8806.7	8586.2	8527.7	8151.8	7877.7
30°	9448.3	9441.6	9314.6	9211.0	9077.4	9040.6	8813.4	8626.3	8439.1	8091.6	7831.0
27.5°	9030.6	8988.8	8866.9	8776.6	8644.6	8601.2	8377.3	8277.1	7988.0	7694.0	7473.4
25°	8100.0	8121.7	8029.8	7984.7	7897.8	7804.2	7715.7	7580.3	7399.9	7142.6	6940.4
22.5°	7366.5	7394.9	7356.5	7303.0	7236.2	7184.4	7117.5	7012.3	6838.5	6679.8	6489.3
20°	6958.8	6950.5	6917.0	6876.9	6813.5	6776.7	6703.2	6614.6	6481.0	6344.0	6138.5
17.5°	6745.0	6693.2	6661.4	6646.4	6613.0	6566.2	6479.3	6389.1	6285.5	6130.1	5979.7
15°	6586.2	6594.6	6569.5	6557.8	6531.1	6465.9	6377.4	6303.9	6163.5	6085.0	5948.0
12.5°	6576.2	6567.9	6569.5	6564.5	6531.1	6447.6	6402.4	6308.9	6218.7	6115.1	5958.0
10°	6694.8	6606.3	6613.0	6636.4	6582.9	6516.1	6467.6	6365.7	6280.5	6148.5	5993.1
7.5°	6688.1	6643.0	6656.4	6618.0	6634.7	6552.8	6486.0	6384.1	6277.1	6136.8	5996.4
5°	6728.2	6659.7	6648.1	6651.4	6609.6	6547.8	6457.6	6360.7	6260.4	6103.4	5959.7
2.5°	6636.4	6646.4	6592.9	6572.9	6567.9	6464.3	6380.7	6287.2	6183.6	6044.9	5916.2
0°	6567.9	6586.2	6531.1	6502.7	6501.0	6412.5	6359.0	6252.1	6178.6	6063.3	5907.9
-2.5°	6531.1	6552.8	6559.5	6507.7	6457.6	6389.1	6298.9	6183.6	6063.3	5929.6	5796.0
-5°	6534.4	6491.0	6472.6	6489.3	6445.9	6377.4	6277.1	6175.2	6056.6	5912.9	5745.8
-7.5°	6402.4	6359.0	6355.7	6347.3	6337.3	6272.1	6188.6	6078.3	5958.0	5824.4	5669.0
-10°	6205.3	6173.5	6165.2	6156.8	6130.1	6091.7	6013.2	5912.9	5804.3	5670.6	5505.2
-12.5°	5986.4	5971.4	5939.6	5917.9	5891.2	5846.1	5770.9	5679.0	5570.4	5451.8	5309.8
-15°	5744.2	5715.8	5684.0	5665.6	5627.2	5573.7	5498.6	5413.3	5294.7	5177.8	5044.1
-17.5°	5451.8	5416.7	5381.6	5376.6	5349.9	5268.0	5197.8	5094.2	4990.6	4878.7	4748.4
-20°	5107.6	5059.1	5035.7	5022.4	4985.6	4925.5	4850.3	4755.1	4654.8	4547.9	4397.5



REPORT NUMBER: P722049

CATALOG NUMBER: IFLD-S-SA2D-735-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	4726.6	4684.9	4644.8	4619.7	4588.0	4541.2	4469.3	4385.8	4287.2	4166.9	4028.3
-25°	4293.9	4235.4	4210.4	4182.0	4165.3	4121.8	4051.7	3974.8	3872.9	3755.9	3623.9
-27.5°	3799.4	3752.6	3739.2	3699.1	3679.1	3634.0	3575.5	3503.6	3410.1	3299.8	3191.2
-30°	3253.0	3224.6	3202.9	3162.8	3147.8	3099.3	3060.9	3000.7	2915.5	2837.0	2750.1
-32.5°	2691.6	2663.2	2656.5	2638.2	2628.1	2596.4	2553.0	2509.5	2441.0	2382.5	2312.4
-35°	2193.7	2173.7	2175.4	2173.7	2163.7	2140.3	2086.8	2075.1	2025.0	1971.5	1926.4
-37.5°	1796.1	1797.8	1796.1	1794.4	1781.1	1771.0	1732.6	1717.6	1687.5	1635.7	1609.0
-40°	1497.0	1500.4	1498.7	1495.4	1480.3	1475.3	1450.2	1430.2	1418.5	1381.7	1353.3
-42.5°	1254.8	1259.8	1258.1	1256.4	1246.4	1244.7	1231.4	1208.0	1201.3	1179.6	1149.5
-45°	1071.0	1069.3	1066.0	1069.3	1064.3	1059.3	1050.9	1035.9	1027.5	1017.5	992.4
-47.5°	925.6	927.3	923.9	923.9	917.3	912.2	908.9	898.9	892.2	883.8	868.8
-50°	805.3	812.0	810.3	808.7	803.6	800.3	800.3	790.3	780.3	776.9	766.9
-52.5°	711.8	716.8	718.4	721.8	723.4	725.1	720.1	710.1	693.4	691.7	686.7
-55°	626.5	641.6	651.6	658.3	665.0	670.0	660.0	646.6	629.9	623.2	621.5
-57.5°	568.1	583.1	594.8	604.8	613.2	621.5	611.5	598.1	583.1	574.7	573.1
-60°	514.6	528.0	539.7	553.0	564.7	578.1	573.1	563.1	554.7	548.0	541.3
-62.5°	457.8	471.2	484.5	501.2	516.3	529.6	531.3	529.6	528.0	529.6	517.9
-65°	411.0	417.7	426.0	444.4	461.1	476.2	484.5	489.5	497.9	506.2	494.6
-67.5°	360.9	369.2	379.3	392.6	406.0	416.0	427.7	441.1	454.5	467.8	459.5
-70°	315.8	322.5	330.8	337.5	345.9	352.5	362.6	377.6	392.6	406.0	402.7
-72.5°	269.0	275.7	280.7	284.0	289.0	292.4	297.4	310.8	320.8	327.5	327.5
-75°	222.2	228.9	233.9	235.6	238.9	240.6	243.9	248.9	254.0	255.6	257.3
-77.5°	170.4	177.1	182.1	185.5	188.8	192.1	193.8	197.2	198.8	198.8	200.5
-80°	127.0	132.0	135.3	140.3	142.0	145.4	148.7	150.4	152.0	152.0	153.7
-82.5°	90.2	93.6	96.9	100.2	103.6	105.3	108.6	110.3	111.9	113.6	115.3
-85°	60.1	63.5	66.8	70.2	71.8	73.5	75.2	76.9	78.5	80.2	81.9
-87.5°	35.1	36.8	38.4	41.8	43.4	46.8	48.5	46.8	48.5	48.5	48.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722049
 CATALOG NUMBER: IFLD-S-SA2D-735-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	65.2	65.2	65.2	65.2	63.5	60.1	58.5	55.1	51.8	48.5	45.1
85°	135.3	137.0	137.0	137.0	133.7	132.0	127.0	122.0	115.3	105.3	96.9
82.5°	225.6	227.2	227.2	225.6	222.2	217.2	210.5	202.2	188.8	175.4	163.7
80°	339.2	340.8	340.8	339.2	330.8	322.5	314.1	304.1	287.4	269.0	248.9
77.5°	474.5	477.8	477.8	472.8	461.1	451.1	437.7	421.0	396.0	369.2	342.5
75°	631.6	639.9	641.6	636.6	621.5	603.2	581.4	553.0	514.6	481.2	449.4
72.5°	813.7	822.0	828.7	822.0	800.3	775.2	743.5	710.1	671.7	626.5	573.1
70°	1052.6	1060.9	1066.0	1044.2	1005.8	964.0	925.6	887.2	842.1	786.9	728.5
67.5°	1353.3	1345.0	1335.0	1291.5	1243.1	1192.9	1139.5	1082.7	1024.2	965.7	897.2
65°	1642.4	1619.0	1597.3	1545.5	1483.7	1418.5	1356.7	1293.2	1223.0	1149.5	1084.3
62.5°	1946.5	1896.3	1842.9	1779.4	1715.9	1644.1	1582.2	1507.0	1428.5	1338.3	1254.8
60°	2245.5	2185.4	2131.9	2053.4	1969.9	1872.9	1806.1	1732.6	1640.7	1543.8	1445.2
57.5°	2534.6	2469.4	2410.9	2342.4	2252.2	2147.0	2073.4	1978.2	1881.3	1759.3	1659.1
55°	2842.0	2776.8	2730.1	2653.2	2554.6	2457.7	2377.5	2277.3	2141.9	2011.6	1888.0
52.5°	3194.5	3142.7	3092.6	3014.1	2895.5	2796.9	2708.3	2596.4	2454.4	2294.0	2145.3
50°	3588.8	3562.1	3508.6	3416.8	3281.4	3194.5	3077.6	2928.9	2776.8	2608.1	2422.6
47.5°	4111.8	4068.4	3993.2	3892.9	3779.3	3649.0	3491.9	3318.2	3102.6	2915.5	2718.4
45°	4736.7	4656.5	4559.6	4424.2	4283.9	4136.9	3964.8	3744.2	3455.2	3211.2	3004.1
42.5°	5413.3	5304.7	5172.7	4995.6	4813.5	4633.1	4447.6	4146.9	3786.0	3505.3	3271.4
40°	6120.1	5981.4	5816.0	5558.7	5356.5	5124.3	4912.1	4462.7	4078.4	3774.3	3525.4
37.5°	6811.8	6636.4	6359.0	6046.6	5811.0	5620.5	5154.4	4673.2	4329.0	3994.8	3742.6
35°	7341.4	7192.7	6703.2	6379.1	6176.9	5876.1	5293.0	4800.2	4435.9	4158.6	3765.9
32.5°	7655.5	7271.3	6841.9	6514.4	6347.3	5854.4	5303.1	4836.9	4486.1	4175.3	3705.8
30°	7585.4	7120.9	6745.0	6470.9	6108.4	5665.6	5209.5	4780.1	4439.3	4063.3	3639.0
27.5°	7162.7	6803.4	6467.6	6181.9	5826.0	5428.4	5007.3	4629.7	4312.3	3948.1	3547.1
25°	6684.8	6359.0	6110.1	5861.1	5523.6	5144.3	4773.4	4501.1	4182.0	3822.8	3426.8
22.5°	6245.4	6011.5	5816.0	5555.4	5226.2	4895.4	4664.8	4382.5	4055.0	3690.8	3303.1
20°	5964.7	5806.0	5582.1	5294.7	5035.7	4828.6	4572.9	4273.9	3936.4	3555.4	3197.9
17.5°	5829.4	5645.6	5396.6	5209.5	5010.7	4783.5	4497.8	4180.3	3821.1	3493.6	3209.6
15°	5759.2	5565.4	5401.6	5217.9	4994.0	4755.1	4437.6	4108.5	3821.1	3518.7	3217.9
12.5°	5774.2	5607.2	5428.4	5227.9	4987.3	4731.7	4444.3	4138.5	3841.1	3537.1	3219.6
10°	5821.0	5645.6	5455.1	5232.9	4990.6	4738.3	4462.7	4156.9	3851.2	3545.4	3216.3
7.5°	5837.7	5647.3	5443.4	5219.5	4982.3	4735.0	4466.0	4161.9	3852.8	3543.7	3206.2
5°	5785.9	5613.8	5416.7	5191.1	4958.9	4718.3	4452.6	4155.2	3839.5	3527.0	3181.2
2.5°	5715.8	5577.1	5388.3	5171.1	4935.5	4694.9	4430.9	4125.2	3809.4	3497.0	3149.4
0°	5704.1	5532.0	5341.5	5147.7	4897.1	4643.1	4380.8	4068.4	3754.3	3440.1	3094.3
-2.5°	5627.2	5445.1	5254.6	5044.1	4823.6	4567.9	4292.2	3986.5	3675.7	3366.6	3034.1
-5°	5568.7	5366.6	5164.4	4937.2	4715.0	4459.3	4173.6	3876.2	3572.1	3271.4	2950.6
-7.5°	5490.2	5283.0	5070.8	4833.6	4593.0	4332.3	4050.0	3752.6	3453.5	3154.4	2847.0
-10°	5331.5	5149.4	4950.5	4704.9	4451.0	4190.3	3909.6	3617.2	3318.2	3015.8	2706.7
-12.5°	5139.3	4947.2	4730.0	4504.4	4277.2	4034.9	3754.3	3466.9	3166.1	2862.1	2554.6
-15°	4890.4	4701.6	4479.4	4258.8	4040.0	3807.7	3560.4	3301.5	2995.7	2696.6	2389.2
-17.5°	4579.6	4402.5	4203.7	3993.2	3776.0	3542.1	3301.5	3082.6	2796.9	2516.2	2212.1
-20°	4245.5	4080.1	3901.3	3702.5	3485.3	3256.4	3029.1	2800.2	2553.0	2305.7	2023.3



REPORT NUMBER: P722049
 CATALOG NUMBER: IFLD-S-SA2D-735-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3897.9	3730.9	3550.4	3365.0	3164.5	2952.3	2741.8	2522.9	2305.7	2081.8	1842.9
-25°	3497.0	3349.9	3184.5	3004.1	2825.3	2639.8	2439.3	2240.5	2055.1	1861.3	1665.8
-27.5°	3077.6	2942.3	2791.9	2634.8	2481.1	2325.7	2152.0	1968.2	1814.5	1654.1	1492.0
-30°	2636.5	2527.9	2405.9	2268.9	2150.3	2025.0	1879.6	1727.6	1587.2	1465.3	1335.0
-32.5°	2218.8	2126.9	2040.0	1949.8	1832.9	1735.9	1635.7	1523.8	1400.1	1284.8	1191.3
-35°	1859.6	1761.0	1724.2	1657.4	1573.9	1488.7	1415.2	1335.0	1241.4	1139.5	1062.6
-37.5°	1557.2	1498.7	1446.9	1410.1	1355.0	1286.5	1228.0	1169.5	1097.7	1020.8	944.0
-40°	1321.6	1281.5	1224.7	1206.3	1171.2	1124.4	1064.3	1019.2	970.7	912.2	847.1
-42.5°	1132.8	1102.7	1066.0	1034.2	1019.2	985.8	939.0	895.5	857.1	817.0	766.9
-45°	977.4	957.4	934.0	905.6	893.9	867.1	833.7	785.3	763.5	730.1	693.4
-47.5°	852.1	842.1	825.4	807.0	790.3	770.2	740.2	710.1	680.0	658.3	629.9
-50°	753.5	746.8	736.8	721.8	700.1	686.7	666.6	639.9	611.5	593.1	573.1
-52.5°	675.0	668.3	661.6	649.9	633.2	619.9	603.2	581.4	558.0	539.7	523.0
-55°	614.8	604.8	599.8	589.8	576.4	561.4	546.3	531.3	511.3	494.6	477.8
-57.5°	568.1	554.7	548.0	539.7	526.3	511.3	499.6	484.5	471.2	452.8	437.7
-60°	531.3	516.3	502.9	494.6	482.9	467.8	456.1	444.4	431.1	416.0	397.6
-62.5°	501.2	482.9	464.5	454.5	442.8	429.4	417.7	406.0	392.6	377.6	360.9
-65°	472.8	451.1	427.7	417.7	406.0	392.6	377.6	369.2	357.5	344.2	327.5
-67.5°	437.7	414.4	394.3	382.6	370.9	359.2	345.9	337.5	325.8	309.1	292.4
-70°	386.0	370.9	357.5	347.5	337.5	327.5	314.1	300.7	287.4	272.3	257.3
-72.5°	320.8	315.8	314.1	309.1	297.4	285.7	272.3	259.0	247.3	235.6	223.9
-75°	259.0	262.3	265.7	264.0	252.3	240.6	228.9	217.2	208.8	198.8	188.8
-77.5°	205.5	208.8	212.2	212.2	203.8	197.2	188.8	180.4	173.8	165.4	155.4
-80°	158.7	163.7	168.7	172.1	165.4	160.4	153.7	147.0	140.3	133.7	127.0
-82.5°	120.3	125.3	130.3	133.7	128.7	125.3	120.3	115.3	110.3	103.6	98.6
-85°	86.9	90.2	93.6	95.2	91.9	88.6	85.2	81.9	78.5	73.5	70.2
-87.5°	50.1	51.8	53.5	55.1	51.8	48.5	46.8	43.4	41.8	38.4	36.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722049
 CATALOG NUMBER: IFLD-S-SA2D-735-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	41.8	38.4	35.1	33.4	30.1	25.1	21.7	18.4	15.0	11.7	10.0
85°	88.6	80.2	70.2	65.2	58.5	51.8	45.1	38.4	31.7	25.1	18.4
82.5°	152.0	142.0	132.0	120.3	105.3	86.9	68.5	56.8	46.8	36.8	28.4
80°	228.9	210.5	193.8	178.8	162.1	138.7	113.6	90.2	63.5	48.5	36.8
77.5°	317.4	295.7	272.3	247.3	220.5	188.8	160.4	130.3	98.6	66.8	46.8
75°	417.7	389.3	357.5	322.5	287.4	245.6	205.5	170.4	133.7	93.6	56.8
72.5°	529.6	494.6	456.1	409.3	354.2	305.8	257.3	210.5	167.1	118.6	76.9
70°	673.3	618.2	561.4	511.3	441.1	364.2	307.4	254.0	198.8	145.4	96.9
67.5°	827.0	760.2	691.7	618.2	529.6	439.4	357.5	297.4	232.2	170.4	115.3
65°	994.1	910.6	823.7	741.8	619.9	512.9	421.0	339.2	264.0	193.8	133.7
62.5°	1166.2	1067.6	967.4	860.5	720.1	588.1	481.2	386.0	294.1	215.5	150.4
60°	1350.0	1234.7	1112.7	979.1	815.3	670.0	538.0	434.4	325.8	237.3	168.7
57.5°	1543.8	1418.5	1274.8	1094.4	913.9	748.5	603.2	477.8	354.2	257.3	182.1
55°	1754.3	1610.6	1453.6	1214.7	1010.8	827.0	668.3	521.3	384.3	274.0	195.5
52.5°	1981.5	1814.5	1615.6	1341.6	1112.7	907.2	728.5	559.7	412.7	292.4	207.2
50°	2235.5	2025.0	1757.7	1458.6	1201.3	982.4	788.6	601.5	436.1	312.4	217.2
47.5°	2499.5	2272.3	1884.6	1567.2	1291.5	1055.9	850.4	638.2	459.5	329.1	227.2
45°	2775.2	2444.4	2016.6	1664.1	1370.0	1122.8	897.2	671.7	487.9	344.2	235.6
42.5°	3047.5	2574.7	2131.9	1761.0	1443.6	1182.9	935.6	703.4	511.3	359.2	243.9
40°	3176.2	2673.3	2223.8	1827.8	1505.4	1236.4	969.1	731.8	531.3	369.2	252.3
37.5°	3229.6	2733.4	2284.0	1891.3	1553.8	1264.8	997.5	756.9	548.0	379.3	259.0
35°	3241.3	2755.1	2314.0	1934.8	1593.9	1291.5	1019.2	775.2	561.4	389.3	265.7
32.5°	3219.6	2748.4	2322.4	1949.8	1619.0	1311.6	1034.2	788.6	571.4	399.3	272.3
30°	3171.1	2713.4	2292.3	1948.1	1637.4	1323.3	1044.2	798.6	581.4	406.0	275.7
27.5°	3092.6	2651.5	2253.9	1949.8	1647.4	1328.3	1049.3	803.6	588.1	411.0	282.4
25°	2995.7	2568.0	2255.6	1946.5	1649.1	1329.9	1049.3	803.6	589.8	412.7	287.4
22.5°	2883.8	2568.0	2255.6	1941.5	1639.0	1326.6	1044.2	800.3	589.8	416.0	292.4
20°	2890.5	2569.7	2250.5	1931.4	1624.0	1316.6	1032.5	792.0	584.8	421.0	295.7
17.5°	2895.5	2566.3	2240.5	1918.1	1604.0	1299.9	1017.5	780.3	584.8	426.0	297.4
15°	2895.5	2556.3	2225.5	1898.0	1578.9	1276.5	995.8	770.2	586.4	427.7	300.7
12.5°	2890.5	2537.9	2202.1	1871.3	1548.8	1248.1	982.4	766.9	586.4	429.4	300.7
10°	2880.4	2512.9	2172.0	1837.9	1520.4	1238.1	975.7	760.2	583.1	429.4	300.7
7.5°	2862.1	2482.8	2147.0	1817.8	1503.7	1226.4	965.7	750.2	578.1	426.0	304.1
5°	2833.6	2466.1	2126.9	1794.4	1480.3	1218.0	959.0	741.8	574.7	426.0	300.7
2.5°	2796.9	2446.0	2103.5	1764.3	1453.6	1189.6	937.3	723.4	563.1	419.4	297.4
0°	2736.7	2405.9	2063.4	1722.6	1416.8	1161.2	915.6	705.1	551.4	412.7	294.1
-2.5°	2681.6	2352.5	2011.6	1679.1	1381.7	1136.1	898.9	695.0	546.3	411.0	292.4
-5°	2604.8	2278.9	1943.1	1622.3	1335.0	1111.1	882.2	683.4	541.3	407.7	292.4
-7.5°	2519.5	2202.1	1871.3	1563.9	1288.2	1067.6	850.4	665.0	529.6	401.0	290.7
-10°	2387.6	2086.8	1781.1	1497.0	1238.1	1029.2	823.7	648.3	519.6	394.3	284.0
-12.5°	2247.2	1959.8	1677.5	1415.2	1181.2	989.1	793.6	629.9	507.9	387.6	280.7
-15°	2098.5	1829.5	1568.9	1329.9	1119.4	940.7	761.9	609.8	496.2	379.3	275.7
-17.5°	1943.1	1692.5	1456.9	1243.1	1057.6	890.5	728.5	591.5	482.9	370.9	270.7
-20°	1779.4	1552.2	1343.3	1154.5	992.4	840.4	693.4	569.7	467.8	360.9	264.0



REPORT NUMBER: P722049

CATALOG NUMBER: IFLD-S-SA2D-735-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1617.3	1413.5	1226.4	1067.6	925.6	788.6	658.3	548.0	451.1	349.2	259.0
-25°	1473.6	1283.2	1122.8	984.1	860.5	738.5	621.5	526.3	432.7	337.5	252.3
-27.5°	1333.3	1171.2	1020.8	905.6	797.0	690.0	586.4	502.9	414.4	324.1	245.6
-30°	1203.0	1064.3	940.7	828.7	736.8	646.6	556.4	479.5	394.3	310.8	237.3
-32.5°	1084.3	972.4	868.8	761.9	680.0	603.2	528.0	456.1	374.3	297.4	228.9
-35°	974.1	887.2	797.0	706.7	623.2	563.1	497.9	431.1	355.9	282.4	220.5
-37.5°	875.5	805.3	733.5	656.6	584.8	524.6	469.5	406.0	337.5	269.0	212.2
-40°	790.3	733.5	670.0	608.2	548.0	491.2	441.1	380.9	319.1	259.0	203.8
-42.5°	711.8	668.3	616.5	564.7	511.3	461.1	412.7	354.2	300.7	247.3	195.5
-45°	651.6	608.2	566.4	519.6	474.5	431.1	382.6	330.8	284.0	233.9	187.1
-47.5°	594.8	556.4	517.9	479.5	442.8	402.7	354.2	310.8	265.7	222.2	180.4
-50°	544.7	507.9	474.5	441.1	409.3	370.9	325.8	290.7	250.6	210.5	172.1
-52.5°	497.9	466.1	432.7	406.0	379.3	340.8	304.1	270.7	235.6	197.2	163.7
-55°	456.1	426.0	396.0	370.9	345.9	312.4	282.4	254.0	220.5	187.1	155.4
-57.5°	416.0	391.0	362.6	339.2	314.1	287.4	262.3	235.6	205.5	177.1	147.0
-60°	379.3	355.9	330.8	307.4	285.7	264.0	240.6	218.9	192.1	165.4	138.7
-62.5°	342.5	322.5	300.7	277.4	260.6	240.6	222.2	200.5	178.8	155.4	123.6
-65°	309.1	290.7	270.7	250.6	235.6	220.5	203.8	183.8	165.4	143.7	110.3
-67.5°	275.7	259.0	242.3	225.6	212.2	200.5	183.8	168.7	153.7	130.3	96.9
-70°	243.9	230.6	215.5	202.2	192.1	178.8	167.1	153.7	140.3	113.6	81.9
-72.5°	213.9	200.5	188.8	178.8	170.4	158.7	148.7	138.7	120.3	95.2	68.5
-75°	178.8	170.4	163.7	155.4	147.0	138.7	130.3	118.6	100.2	76.9	53.5
-77.5°	147.0	142.0	137.0	130.3	123.6	117.0	106.9	95.2	80.2	60.1	43.4
-80°	120.3	115.3	111.9	105.3	100.2	93.6	83.5	73.5	58.5	46.8	35.1
-82.5°	91.9	88.6	85.2	81.9	76.9	70.2	60.1	51.8	43.4	35.1	26.7
-85°	65.2	63.5	60.1	56.8	51.8	46.8	40.1	35.1	30.1	23.4	18.4
-87.5°	33.4	31.7	30.1	28.4	26.7	23.4	20.0	16.7	15.0	11.7	8.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722049

CATALOG NUMBER: IFLD-S-SA2D-735-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	6.7	5.0	1.7	0.0
85°	13.4	8.4	3.3	0.0
82.5°	20.0	13.4	5.0	0.0
80°	26.7	16.7	8.4	0.0
77.5°	33.4	20.0	10.0	0.0
75°	40.1	25.1	11.7	0.0
72.5°	45.1	28.4	13.4	0.0
70°	53.5	33.4	15.0	0.0
67.5°	66.8	36.8	16.7	0.0
65°	78.5	40.1	18.4	0.0
62.5°	91.9	43.4	20.0	0.0
60°	103.6	46.8	21.7	0.0
57.5°	115.3	55.1	23.4	0.0
55°	125.3	61.8	25.1	0.0
52.5°	137.0	68.5	26.7	0.0
50°	147.0	75.2	28.4	0.0
47.5°	155.4	81.9	28.4	0.0
45°	162.1	86.9	30.1	0.0
42.5°	167.1	91.9	31.7	0.0
40°	172.1	96.9	33.4	0.0
37.5°	177.1	101.9	33.4	0.0
35°	182.1	106.9	35.1	0.0
32.5°	187.1	111.9	35.1	0.0
30°	190.5	115.3	36.8	0.0
27.5°	195.5	118.6	36.8	0.0
25°	197.2	122.0	38.4	0.0
22.5°	200.5	123.6	38.4	0.0
20°	203.8	127.0	38.4	0.0
17.5°	205.5	128.7	40.1	0.0
15°	205.5	130.3	41.8	0.0
12.5°	207.2	132.0	41.8	0.0
10°	207.2	135.3	40.1	0.0
7.5°	210.5	133.7	40.1	0.0
5°	208.8	133.7	40.1	0.0
2.5°	207.2	132.0	40.1	0.0
0°	205.5	132.0	40.1	0.0
-2.5°	205.5	132.0	40.1	0.0
-5°	205.5	132.0	40.1	0.0
-7.5°	203.8	133.7	40.1	0.0
-10°	200.5	133.7	40.1	0.0
-12.5°	198.8	128.7	40.1	0.0
-15°	197.2	127.0	40.1	0.0
-17.5°	193.8	125.3	38.4	0.0
-20°	190.5	123.6	38.4	0.0



REPORT NUMBER: P722049

CATALOG NUMBER: IFLD-S-SA2D-735-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	187.1	120.3	38.4	0.0
-25°	183.8	117.0	36.8	0.0
-27.5°	180.4	113.6	36.8	0.0
-30°	175.4	110.3	35.1	0.0
-32.5°	170.4	106.9	35.1	0.0
-35°	167.1	101.9	33.4	0.0
-37.5°	162.1	96.9	33.4	0.0
-40°	157.1	91.9	31.7	0.0
-42.5°	152.0	86.9	30.1	0.0
-45°	145.4	81.9	30.1	0.0
-47.5°	140.3	76.9	28.4	0.0
-50°	132.0	70.2	26.7	0.0
-52.5°	122.0	63.5	25.1	0.0
-55°	111.9	58.5	23.4	0.0
-57.5°	101.9	51.8	23.4	0.0
-60°	91.9	45.1	21.7	0.0
-62.5°	81.9	41.8	20.0	0.0
-65°	71.8	38.4	18.4	0.0
-67.5°	60.1	33.4	16.7	0.0
-70°	50.1	30.1	15.0	0.0
-72.5°	43.4	26.7	13.4	0.0
-75°	36.8	23.4	11.7	0.0
-77.5°	31.7	20.0	10.0	0.0
-80°	25.1	15.0	6.7	0.0
-82.5°	18.4	11.7	5.0	0.0
-85°	11.7	8.4	3.3	0.0
-87.5°	6.7	3.3	1.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)